

Fig. 1

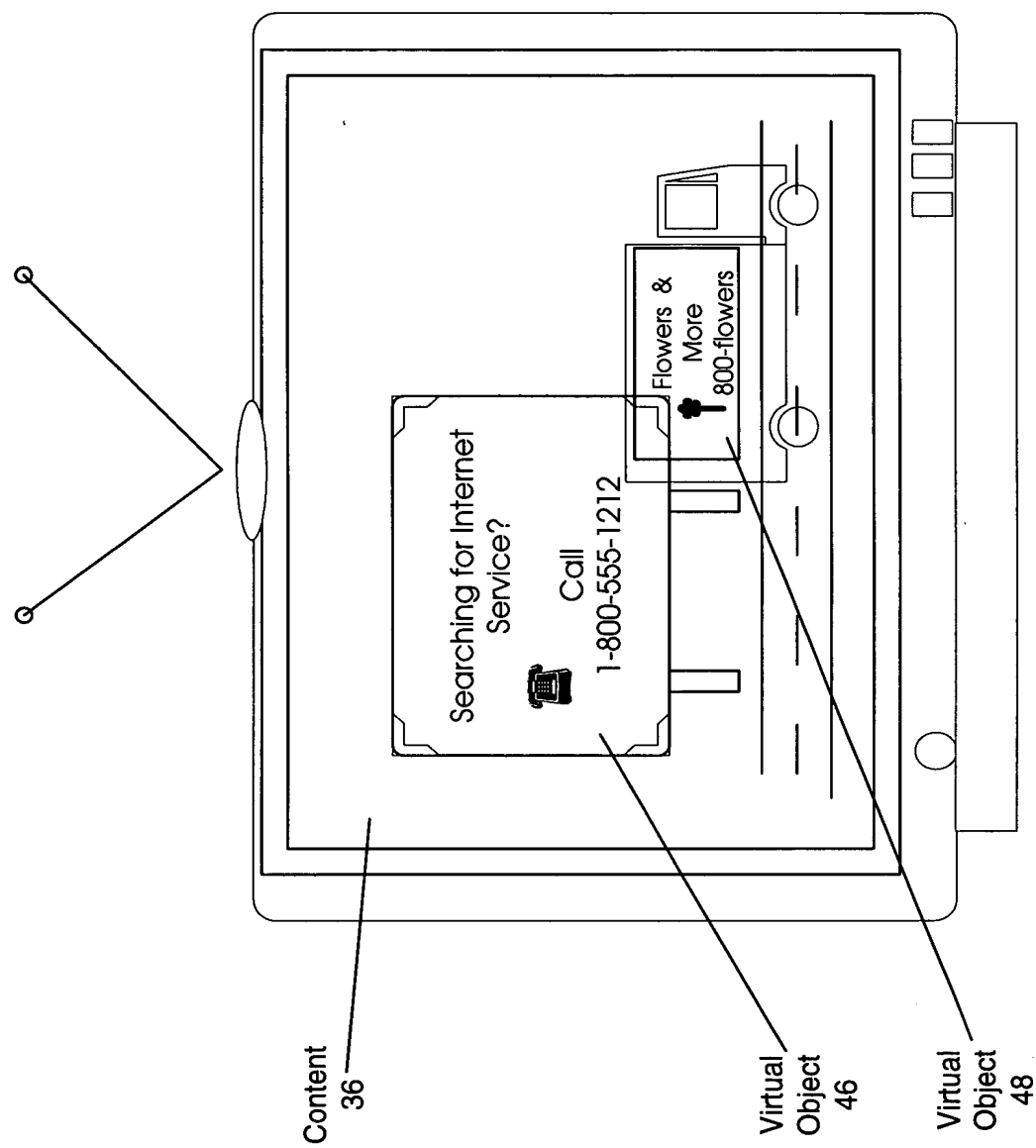


Fig. 4

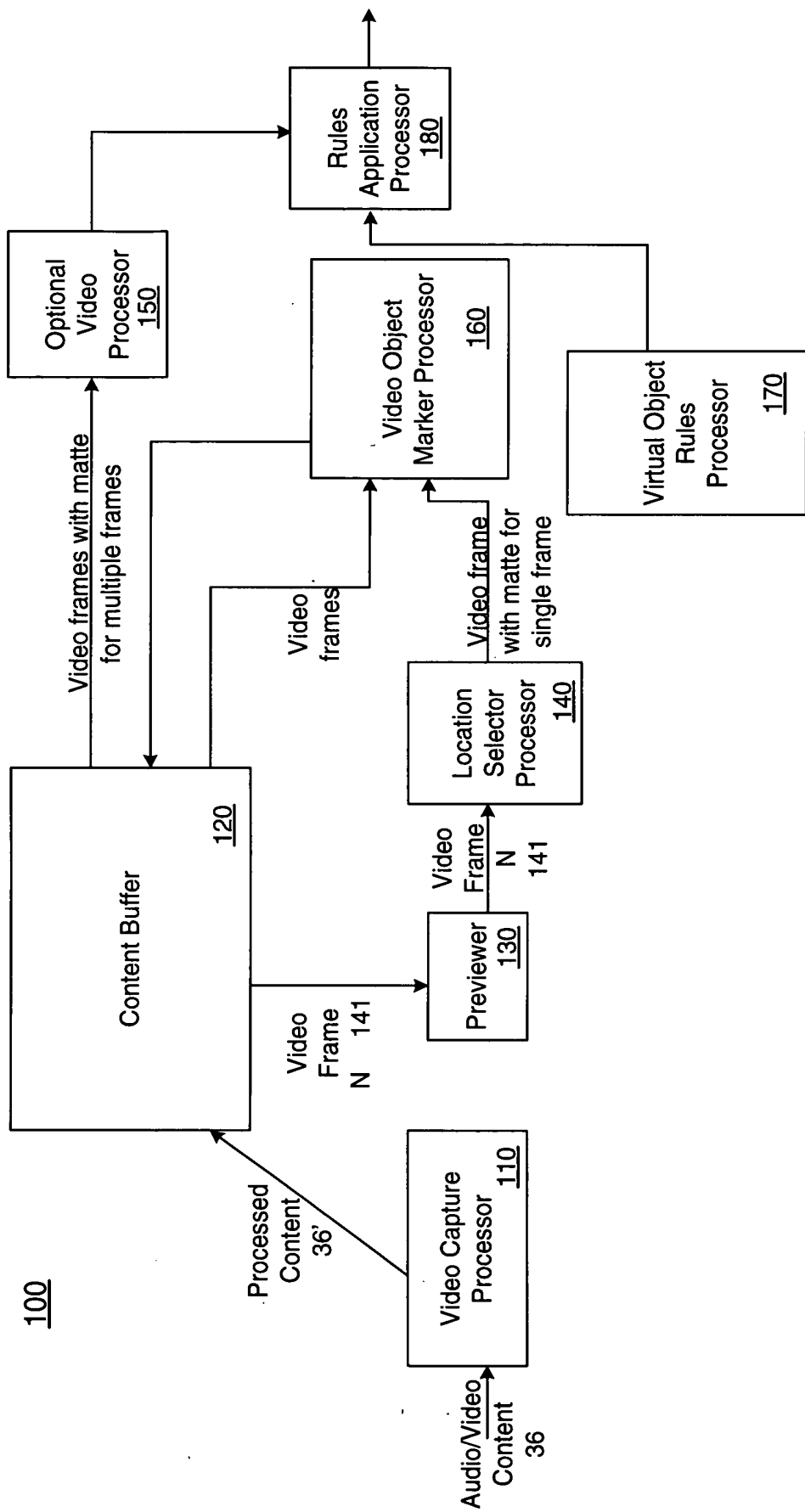


Fig. 6

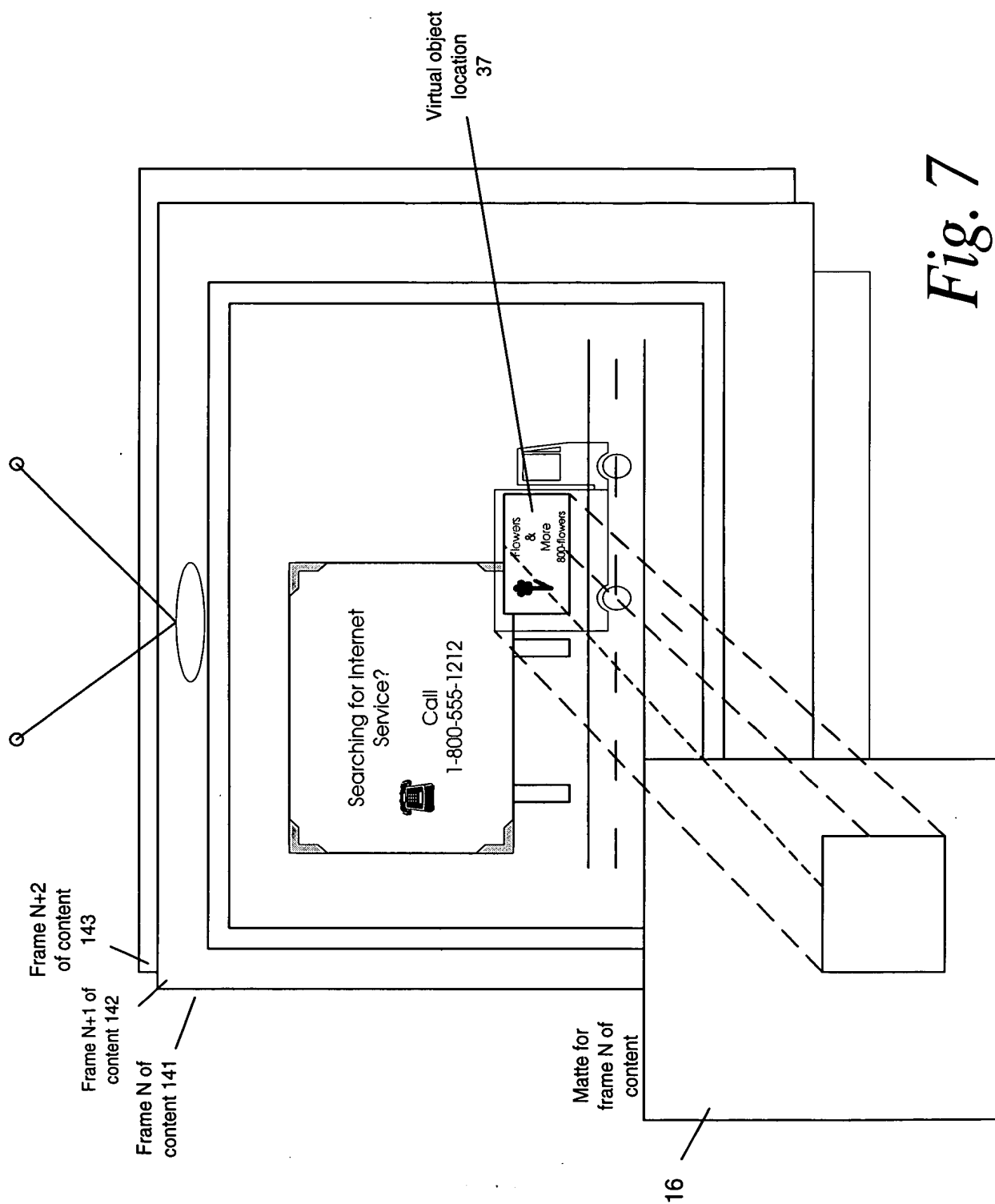


Fig. 7

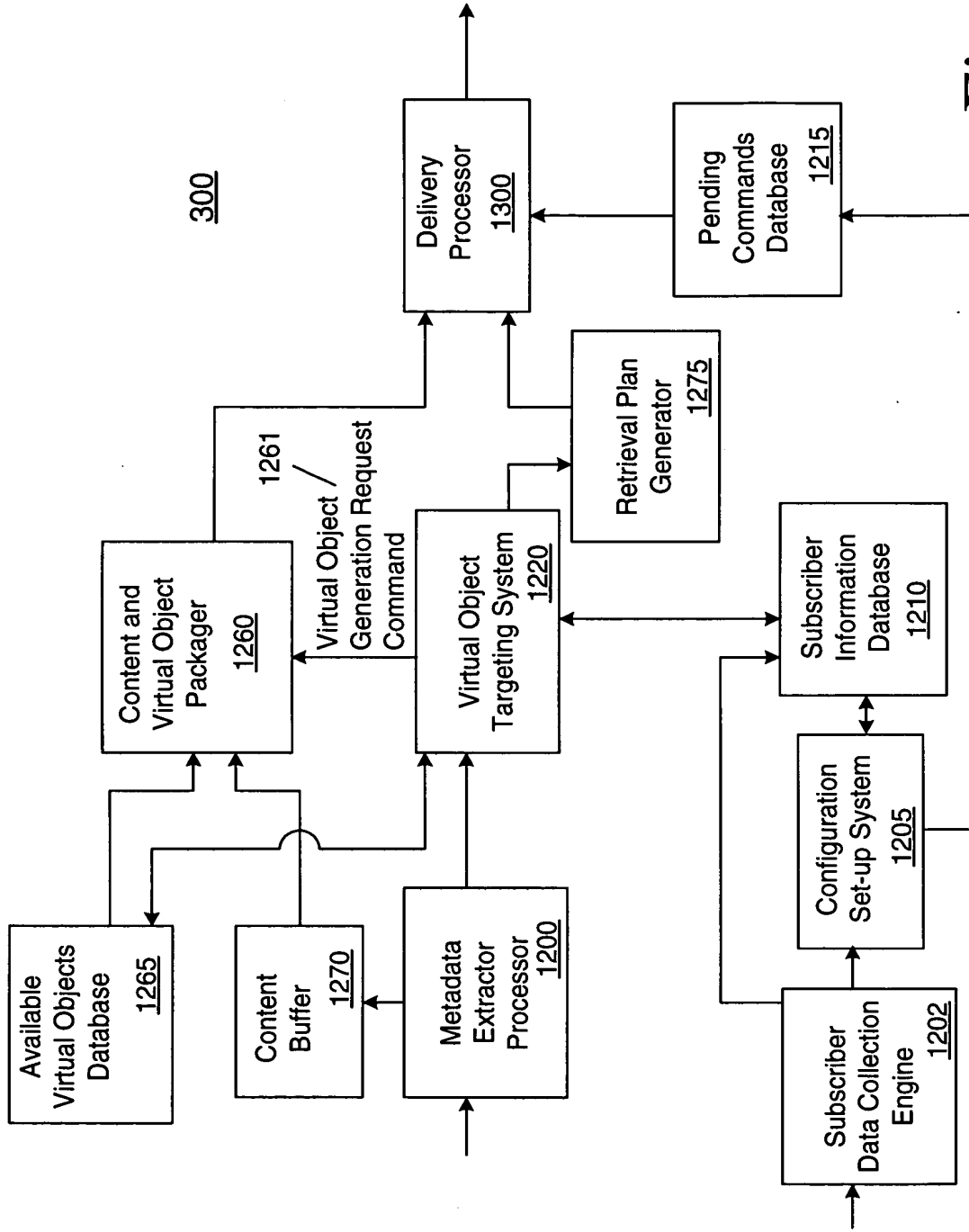


Fig. 9

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graph TD; 7010([Start]) --> 7011[Address Information Collection]; 7011 --> 7012[Collect subscriber information]; 7012 --> 7013[Define target categories]; 7013 --> 7014[Segment target category into groups]; 7014 --> 7015[Assign reception site to groups]; 7015 --> 7016[Convey group assignments to reception sites]; 7016 --> 7017([End]);
```

Fig. 10

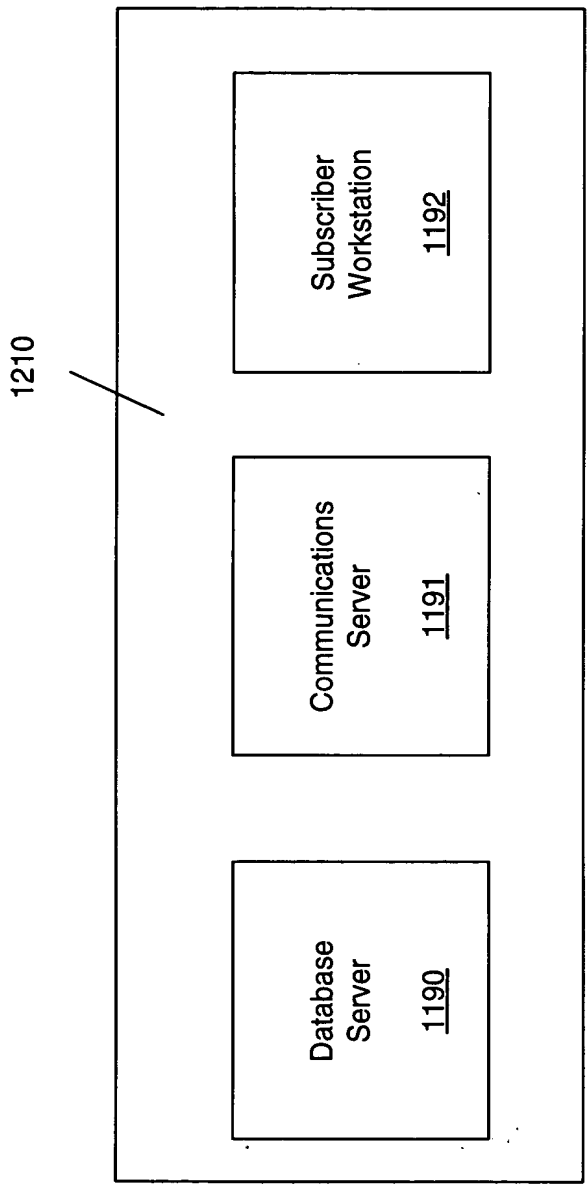


Fig. 11

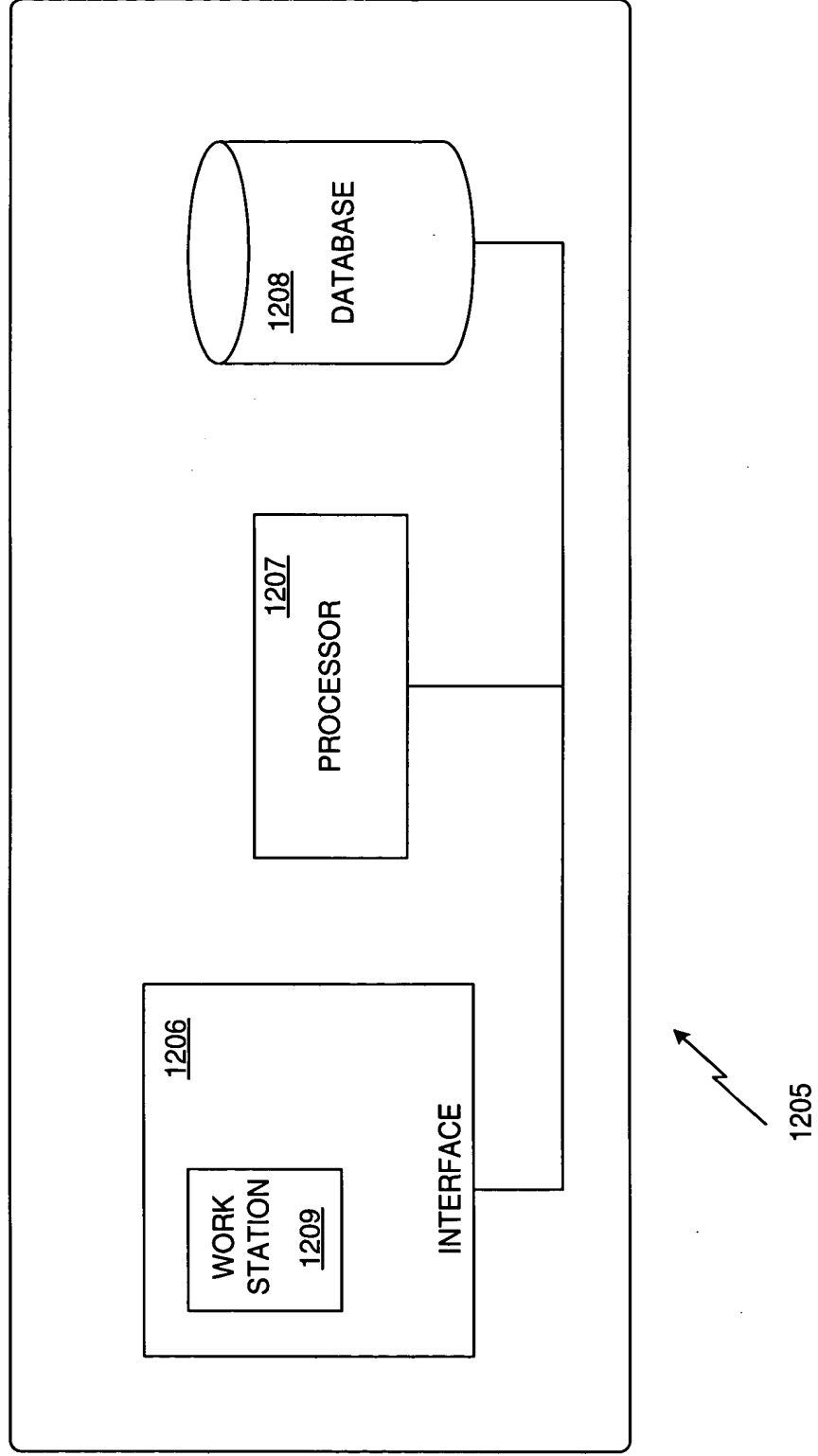


Fig. 12

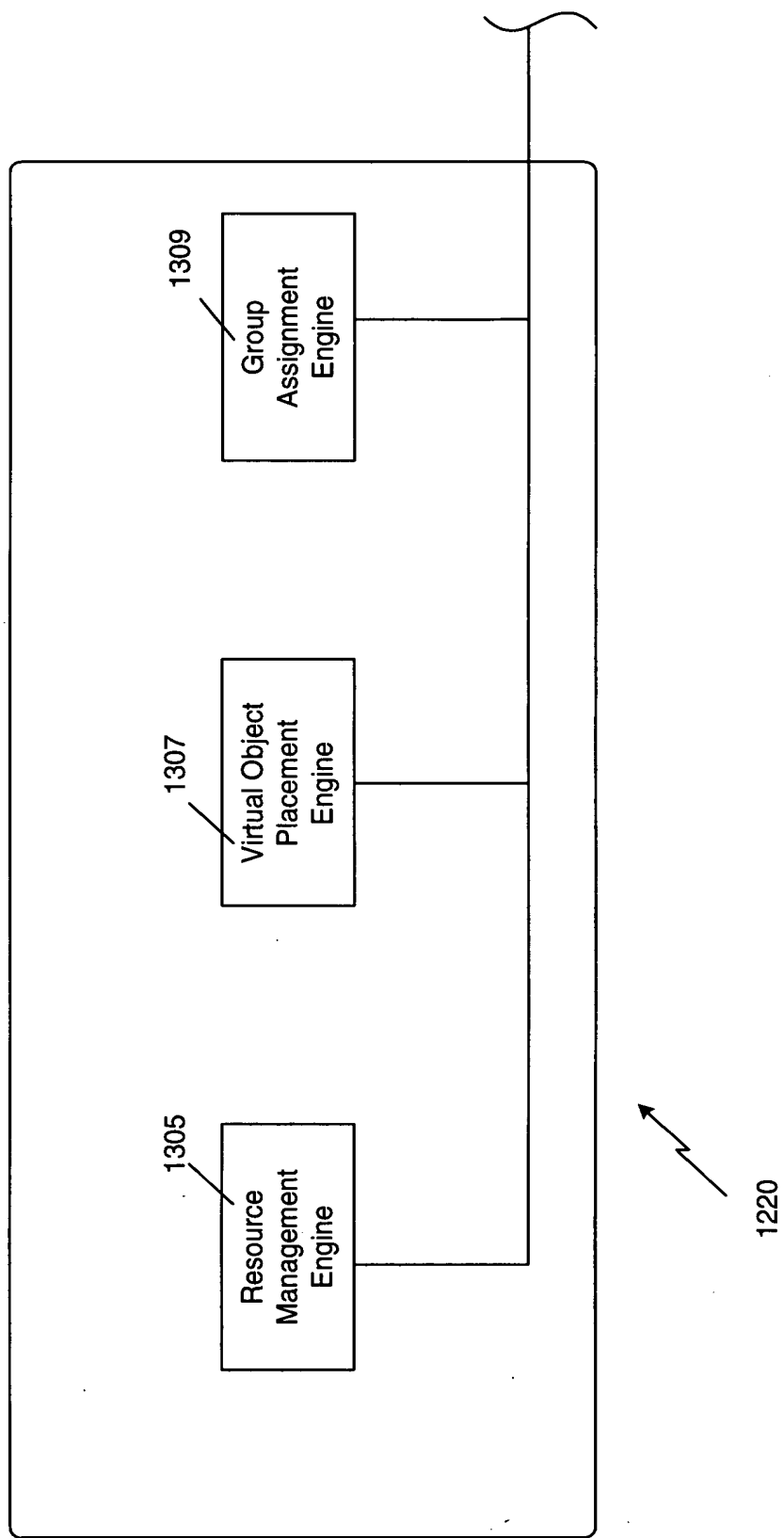


Fig. 13

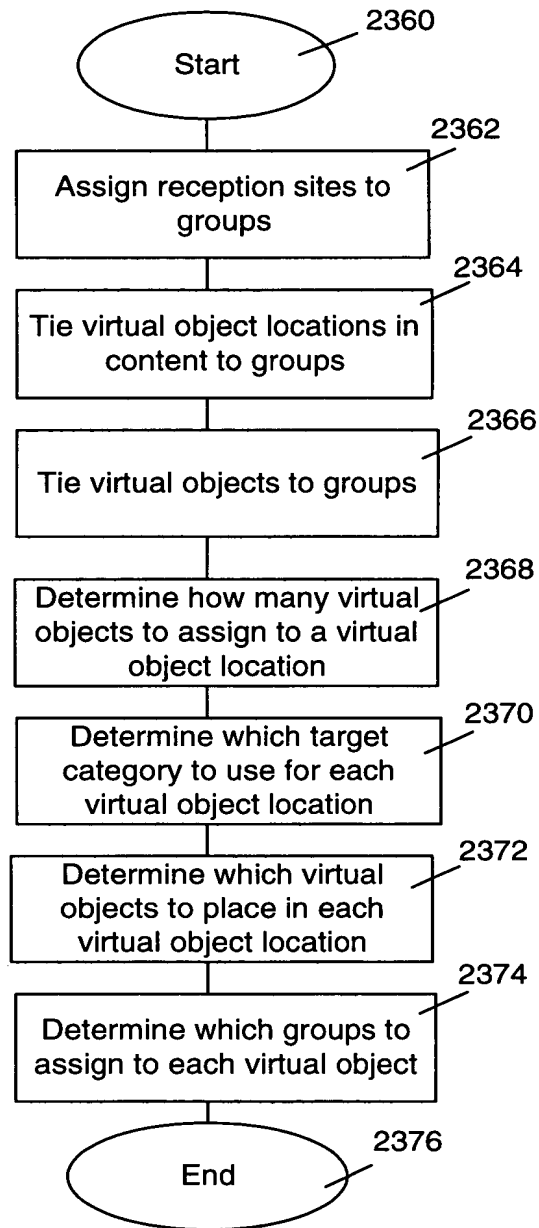


Fig. 14

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graph TD
    2318([Start]) --> 2320[Determine virtual object best suited for virtual object location for all target categories]
    2320 --> 2322[Determine best virtual object/target category combination for each virtual object location]
    2322 --> 2324[Compare virtual object/target category combinations for all virtual object locations]
    2324 --> 2326[For a virtual object location and target category, determine best virtual objects to associate with the virtual object location]
    2326 --> 2328[Repeat step 2326 for each target category]
    2328 --> 2330[Determine target category that yields optimum placement of virtual objects for a virtual object location]
    2330 --> 2332[Repeat steps 2326-2330 for all virtual object location]
    2332 --> 2334[Determine best combination of multiple virtual objects for each virtual object location]
    2334 --> 2336[For remaining virtual object locations, assign best matching virtual object]
    2336 --> 2338([End])
  
```

Fig. 15

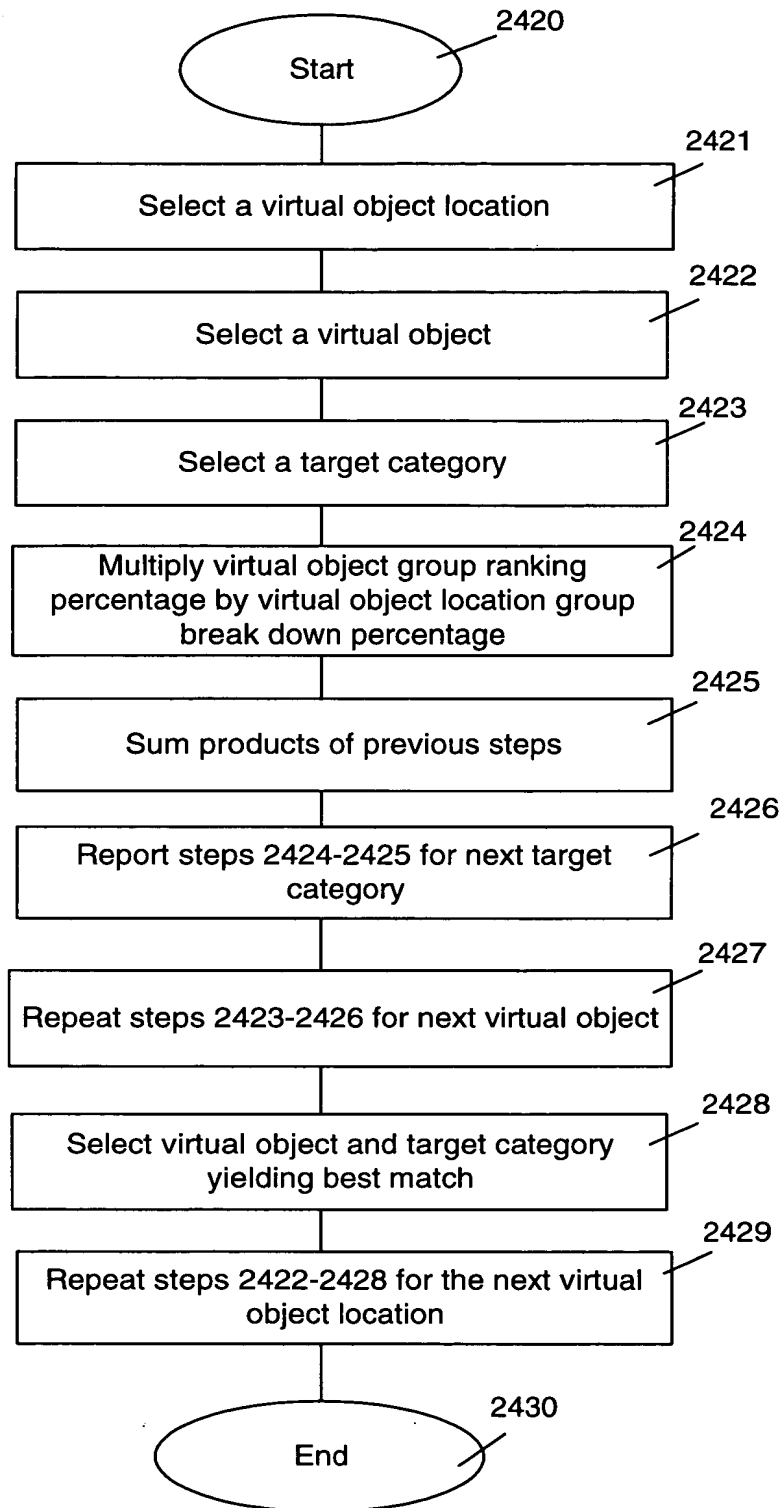


Fig. 16

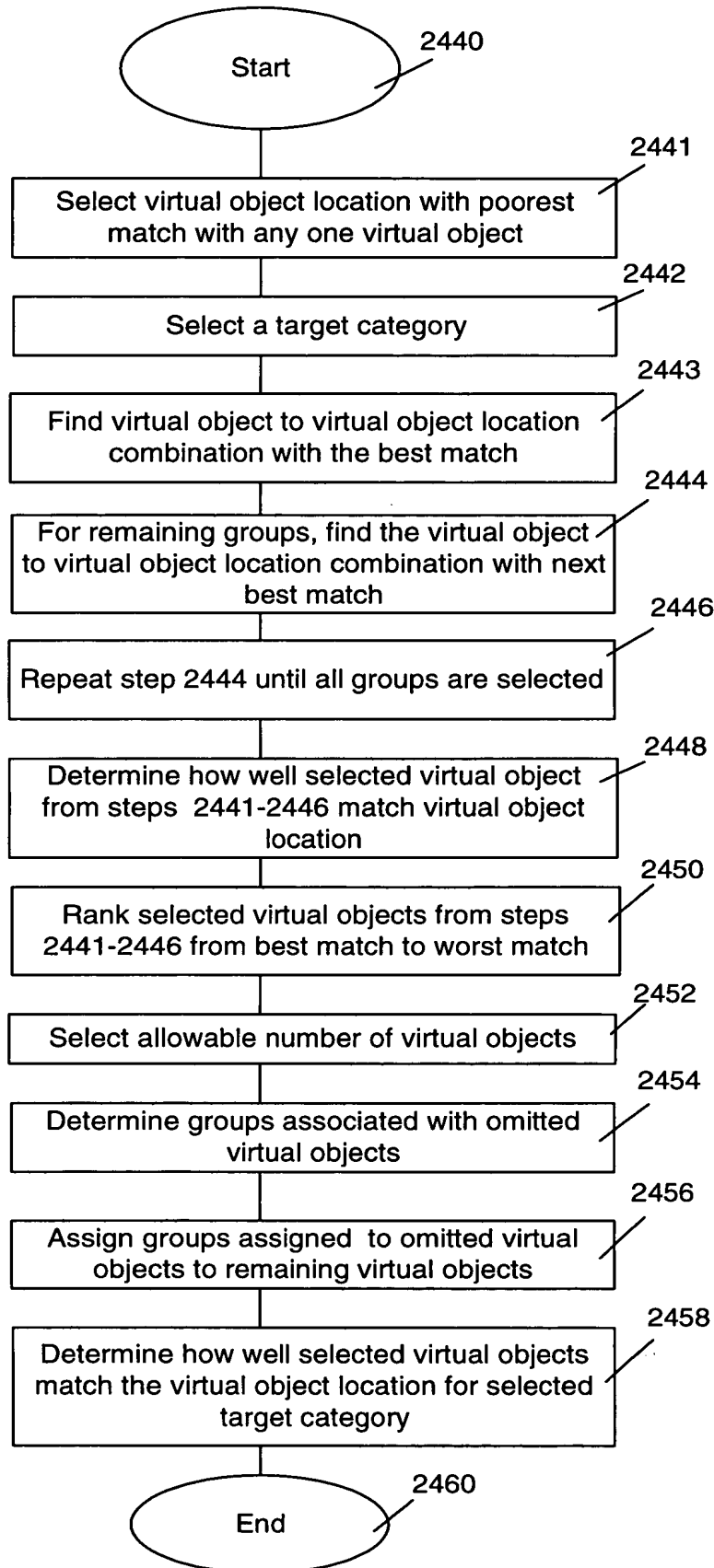


Fig. 17

Fig. 18

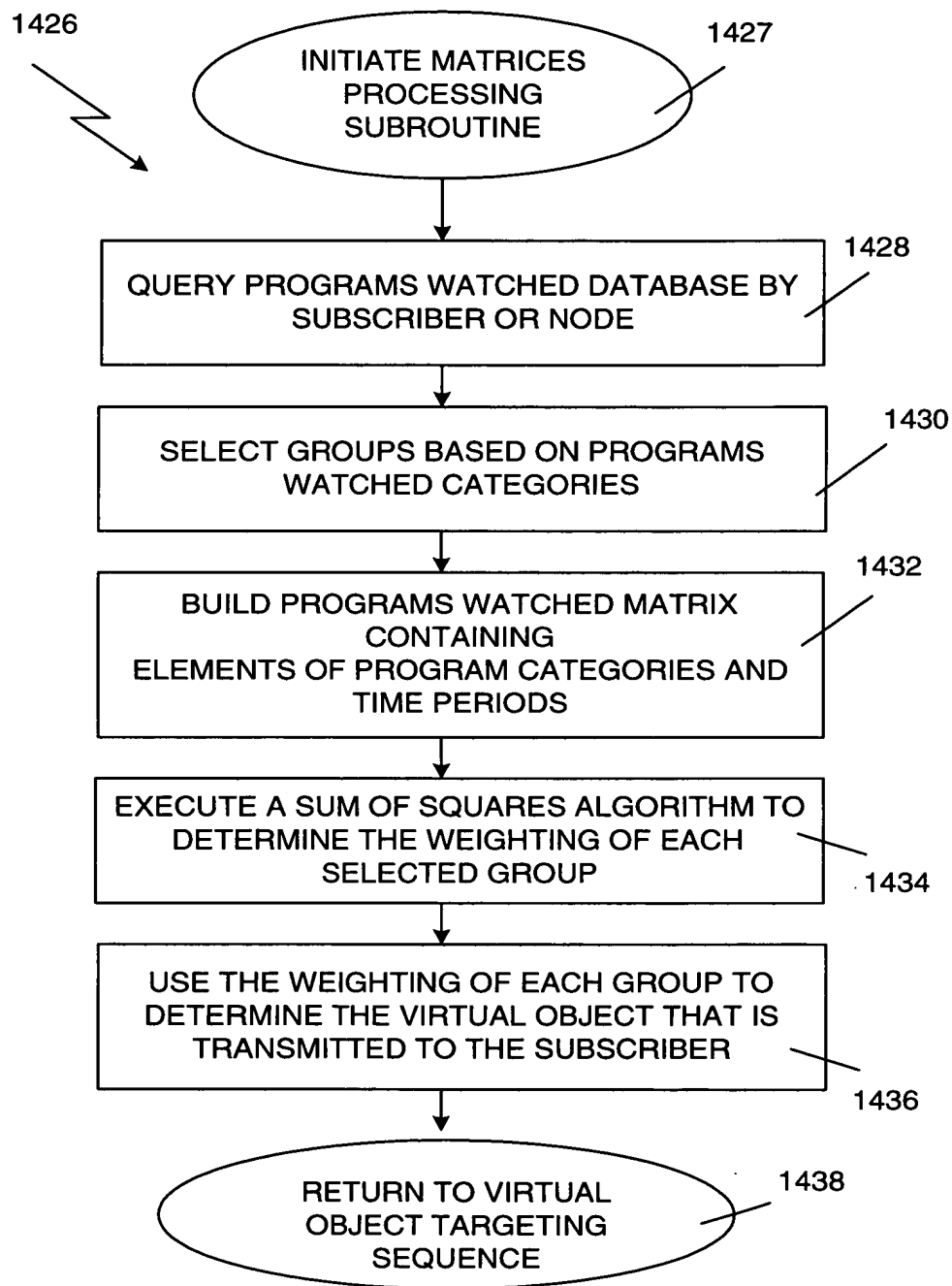


Fig. 19

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graph TD
    1442([INITIATE FINAL GROUPING DETERMINATION SUBROUTINE]) --> 1444[SELECT ALL OF THE VIRTUAL OBJECTS TO BE USED IN THE CHOSEN GROUPINGS]
    1444 --> 1446[ASSIGN THE FREQUENCY OF EACH VIRTUAL OBJECT IN A GROUP BEING VIEWED]
    1446 --> 1448[ASSIGN WEIGHTING TO SPECIFIC VIRTUAL OBJECT IN A GROUP IN DETERMINING THEIR DISTRIBUTION TO THE SUBSCRIBER]
    1448 --> 1450[EXECUTE A CORRELATION ALGORITHM USING CURRENT SELECTED CRITERIA AND THE OUTPUT OF THE GROUPING MATRIX]
    1450 --> 1452[USE THE RESULTS OF THE CORRELATION ALGORITHM TO DETERMINE VIRTUAL OBJECT SENT TO THE SUBSCRIBER]
    1452 --> 1454[UPDATE THE SUBSCRIBER DATABASE BASED ON THE VIRTUAL OBJECT THAT ARE SENT TO THE SUBSCRIBER FOR VIEWING]
    1454 --> 1456([RETURN TO VIRTUAL OBJECT TARGETING SEQUENCE])
  
```

1442

INITIATE FINAL GROUPING DETERMINATION SUBROUTINE

1444

SELECT ALL OF THE VIRTUAL OBJECTS TO BE USED IN THE CHOSEN GROUPINGS

1446

ASSIGN THE FREQUENCY OF EACH VIRTUAL OBJECT IN A GROUP BEING VIEWED

1448

ASSIGN WEIGHTING TO SPECIFIC VIRTUAL OBJECT IN A GROUP IN DETERMINING THEIR DISTRIBUTION TO THE SUBSCRIBER

1450

EXECUTE A CORRELATION ALGORITHM USING CURRENT SELECTED CRITERIA AND THE OUTPUT OF THE GROUPING MATRIX

1452

USE THE RESULTS OF THE CORRELATION ALGORITHM TO DETERMINE VIRTUAL OBJECT SENT TO THE SUBSCRIBER

1454

UPDATE THE SUBSCRIBER DATABASE BASED ON THE VIRTUAL OBJECT THAT ARE SENT TO THE SUBSCRIBER FOR VIEWING

1456

RETURN TO VIRTUAL OBJECT TARGETING SEQUENCE

Fig. 20

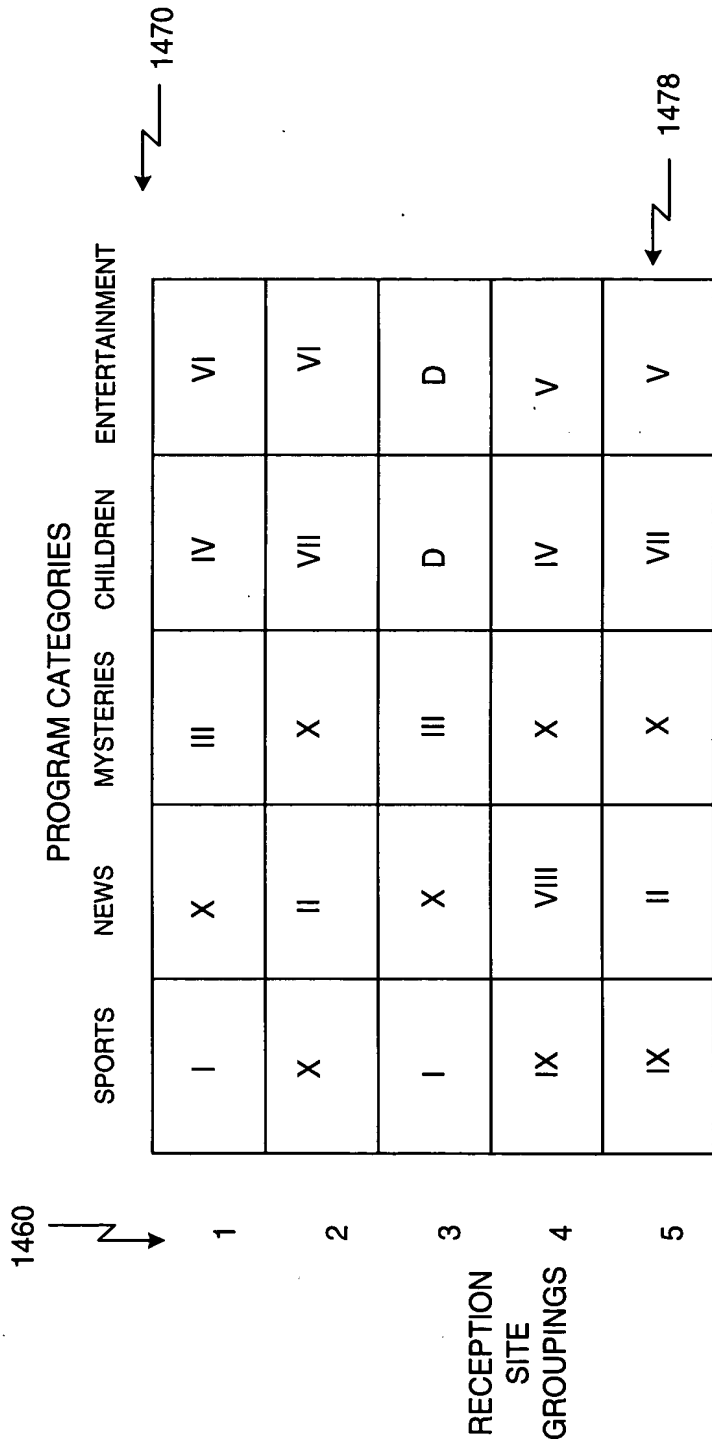


Fig. 21

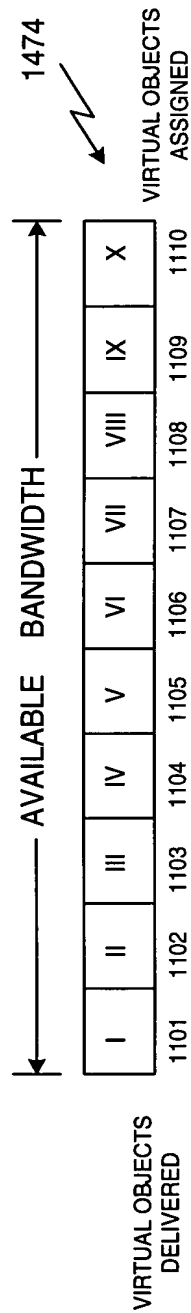


Fig. 22

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graph TD; 1492([INITIATE VIRTUAL OBJECT TARGETING SEQUENCE]) --> 1494[IDENTIFY RECEPTION SITE]; 1494 --> 1496[READ PROGRAM REQUESTED]; 1496 --> 1498[\"SORT PROGRAMS REQUESTED BY PROGRAM CATEGORY\"]; 1498 --> 1500[\"SORT PROGRAM CATEGORIES BY MOST FREQUENTLY REQUESTED PROGRAMS\"]; 1500 --> 1502[UPDATE SUBSCRIBER RECORD]; 1502 --> 1504[\"CORRELATE SUBSCRIBER RECORD WITH VIRTUAL OBJECTS CATEGORIES\"]; 1504 --> 1506[\"SORT VIRTUAL OBJECT CATEGORIES BASED ON ACCESS HISTORY AND SUBSCRIBER LOG\"]; 1506 --> 1508[\"SELECT TOP THREE TARGETED CATEGORIES\"]; 1508 --> 1510[\"SELECT VIRTUAL OBJECT FROM TARGETED CATEGORIES SELECTED\"]; 1510 --> 1512[\"GENERATE VIRTUAL OBJECT PACKAGES FOR RECEPTION SITE IDENTIFIED\"]; 1512 --> END([END]);
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Fig. 23

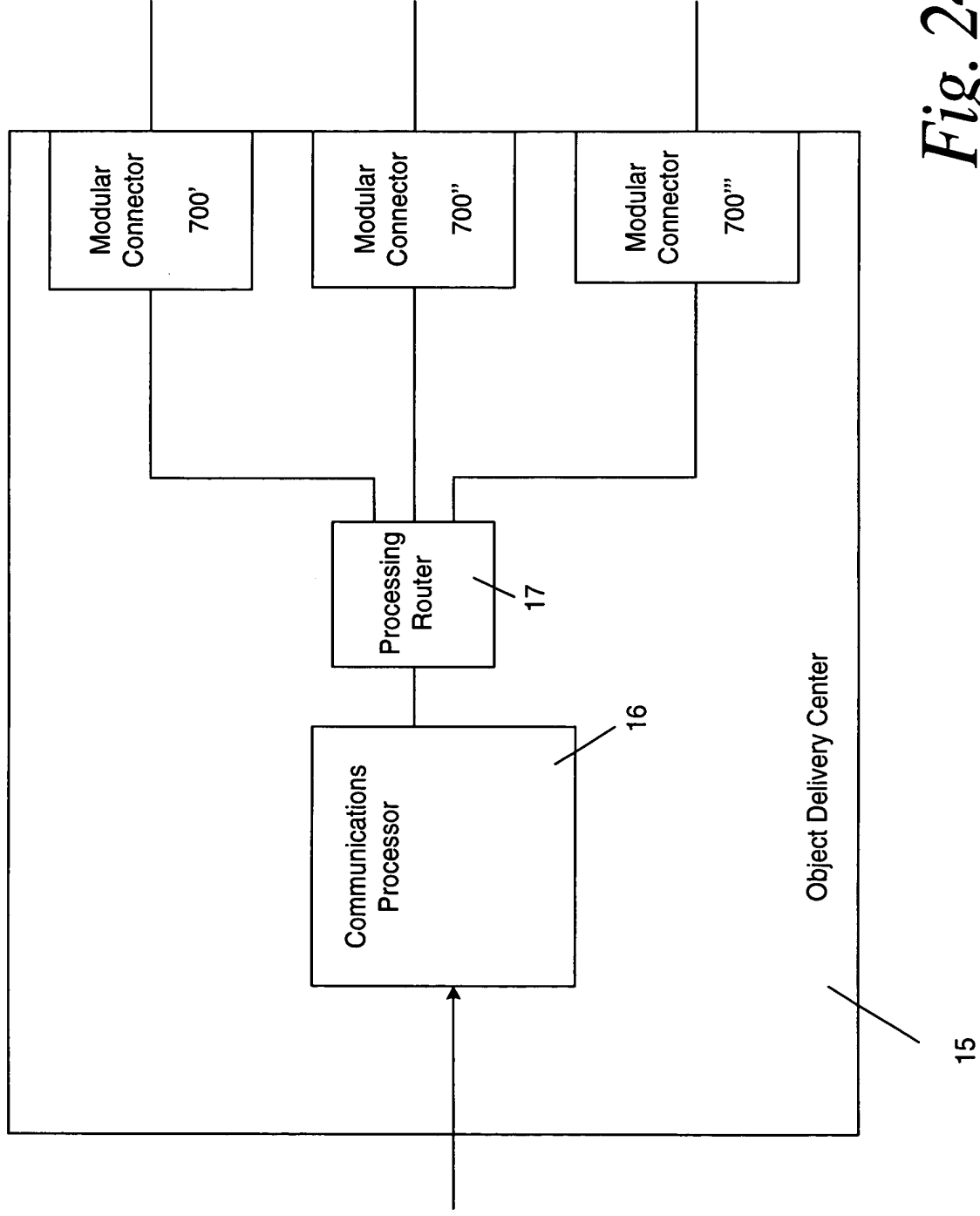


Fig. 24

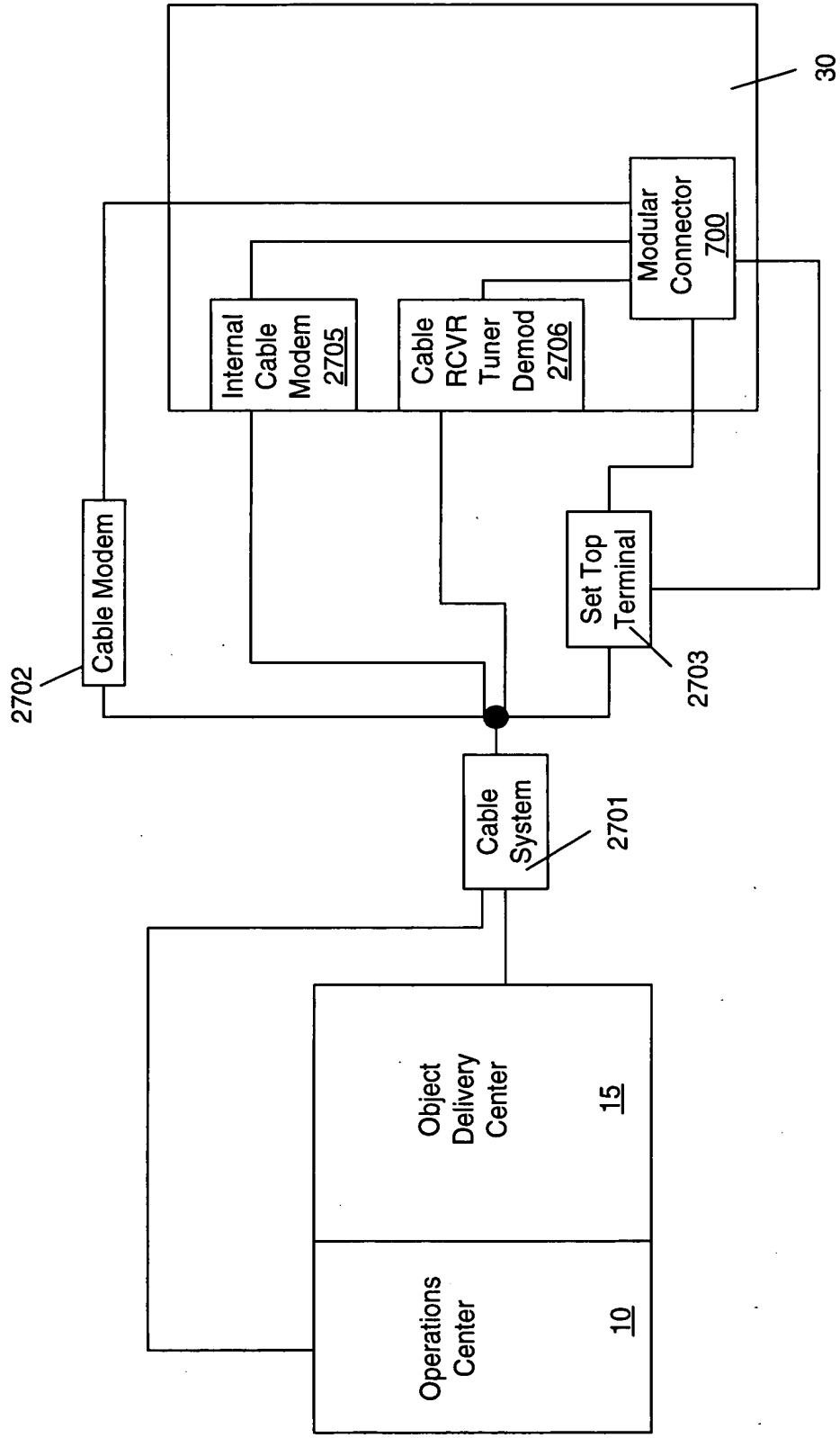


Fig. 25

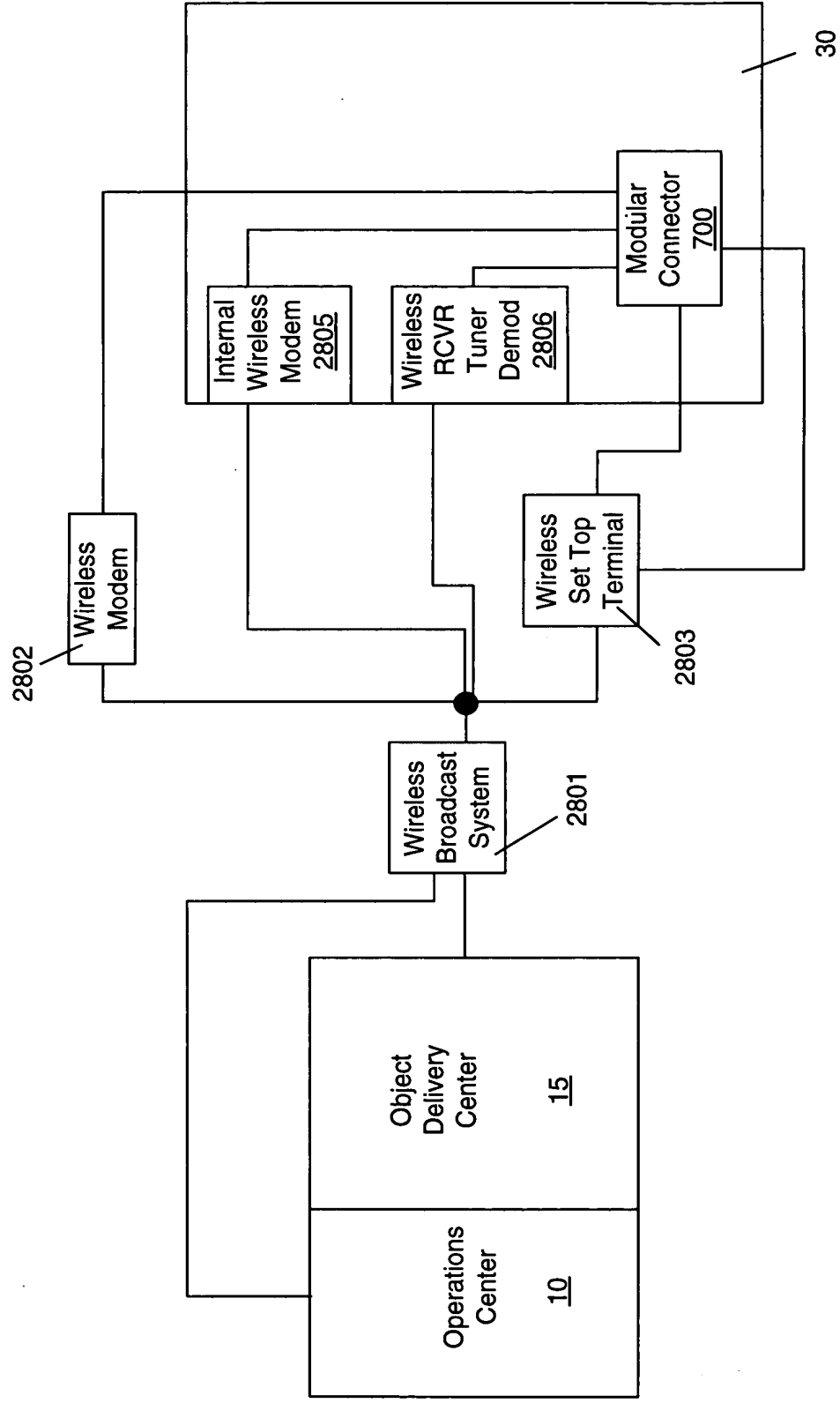


Fig. 26

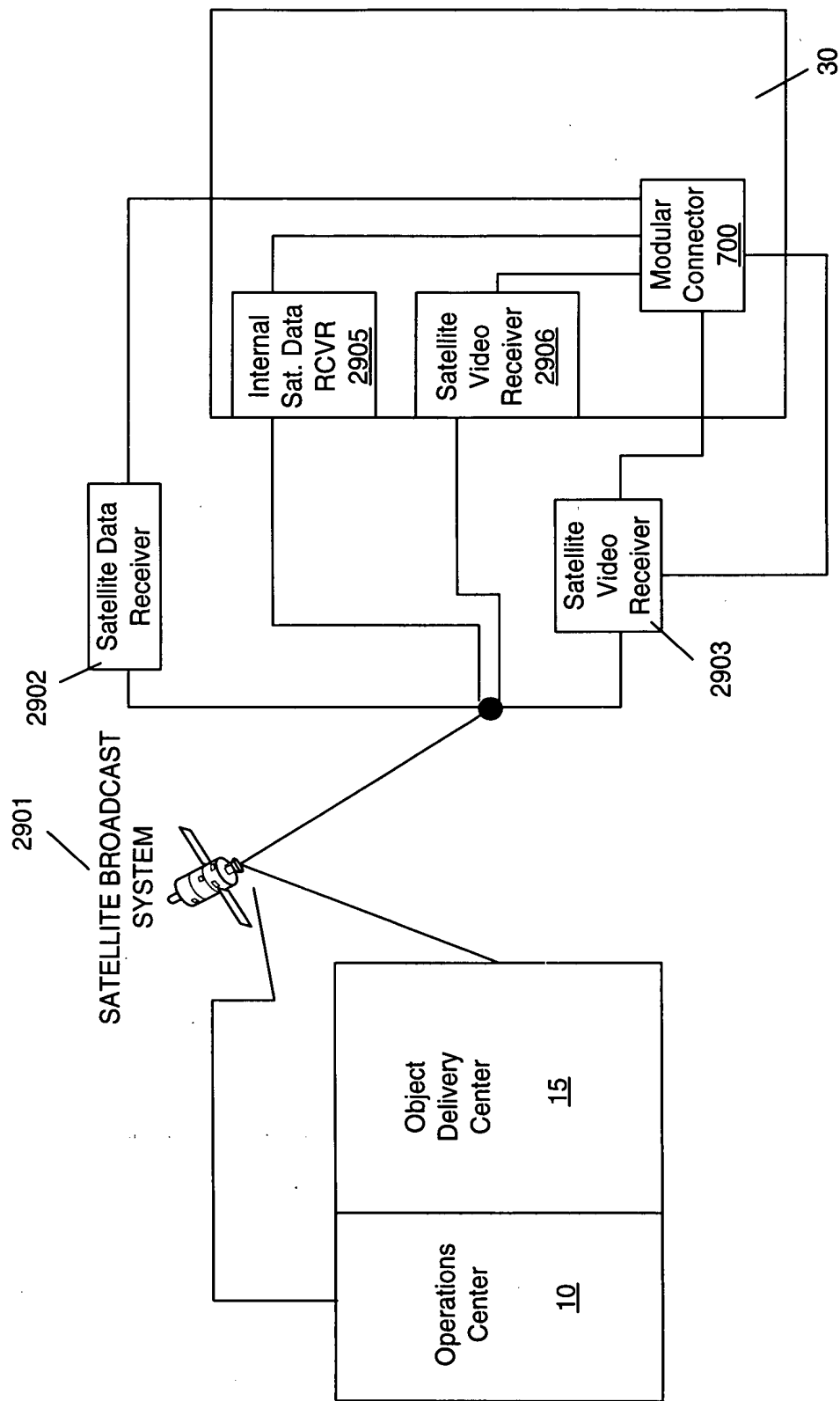


Fig. 27

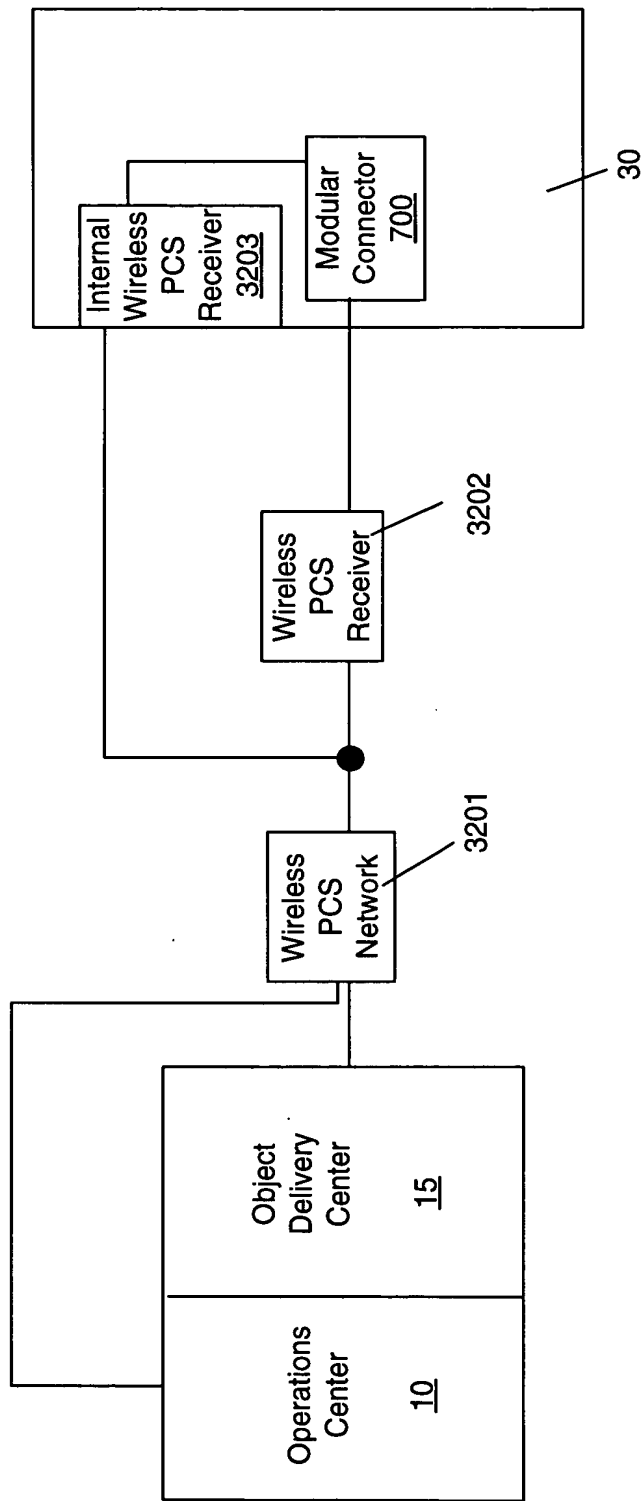


Fig. 30

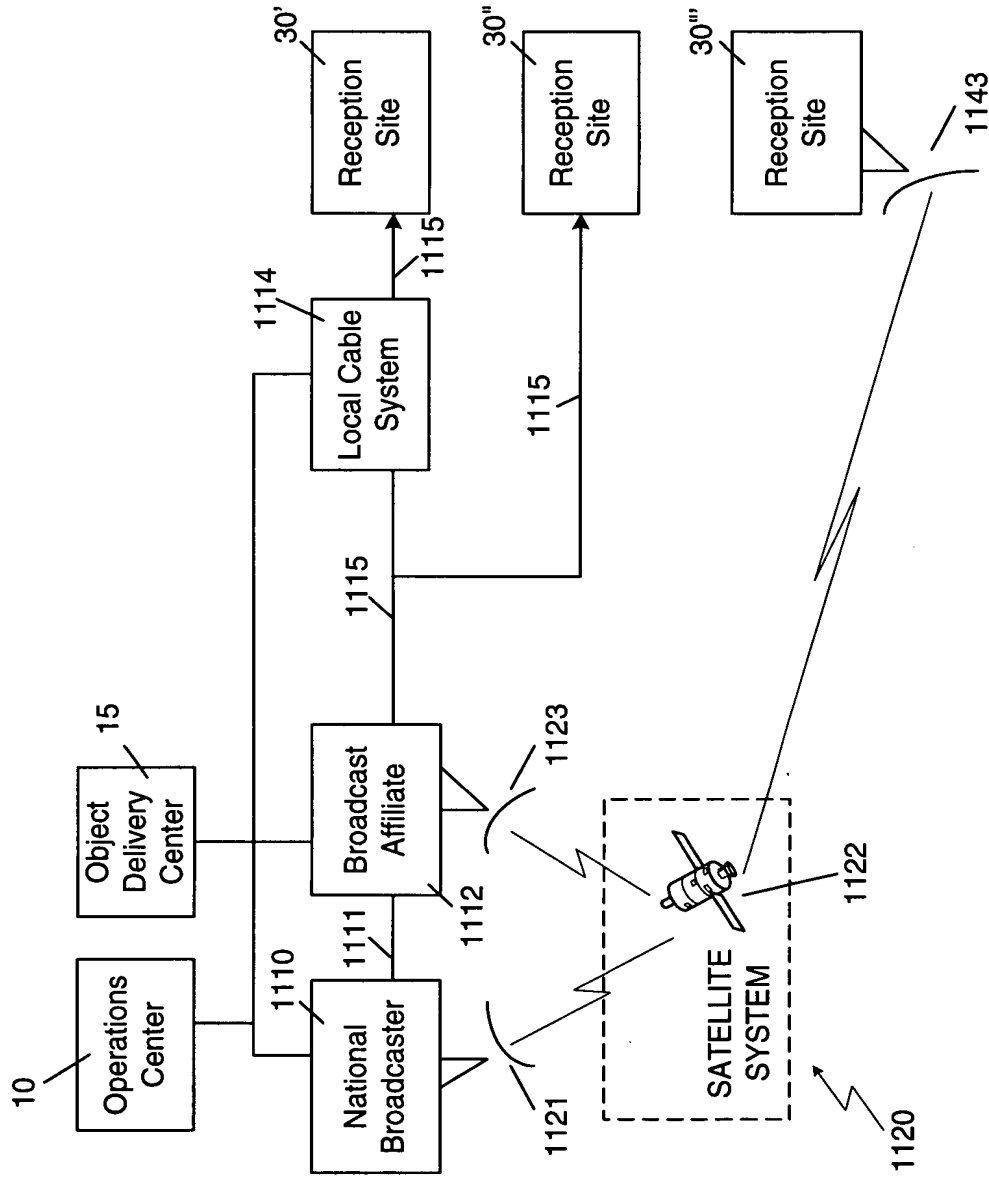


Fig. 31

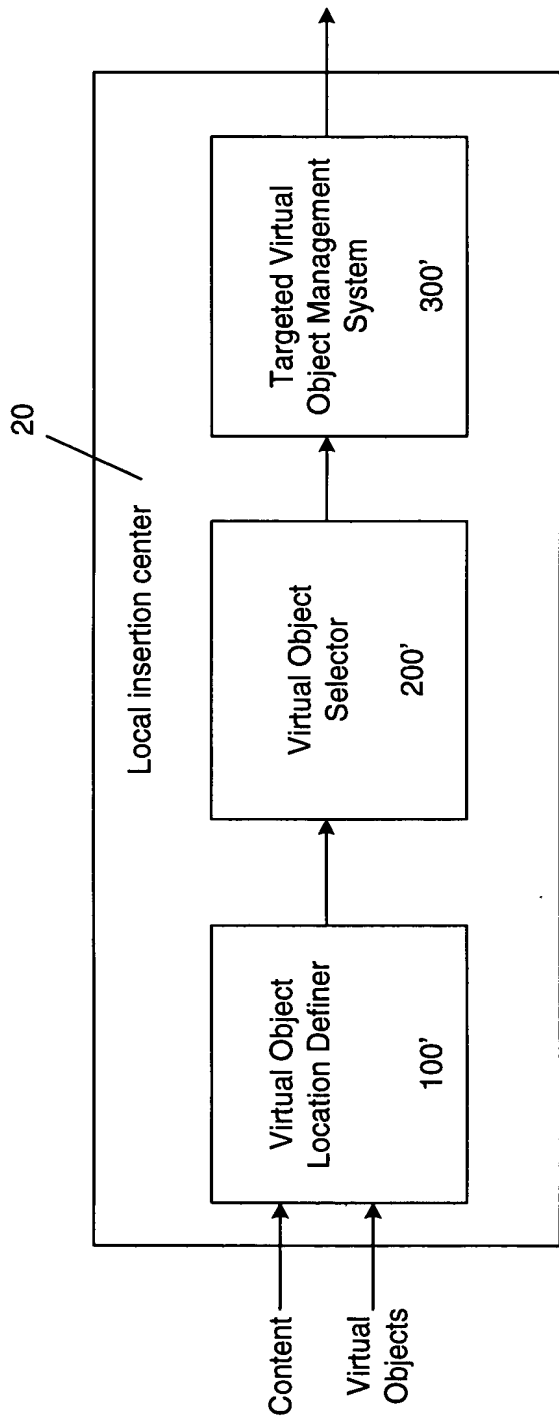


Fig. 32

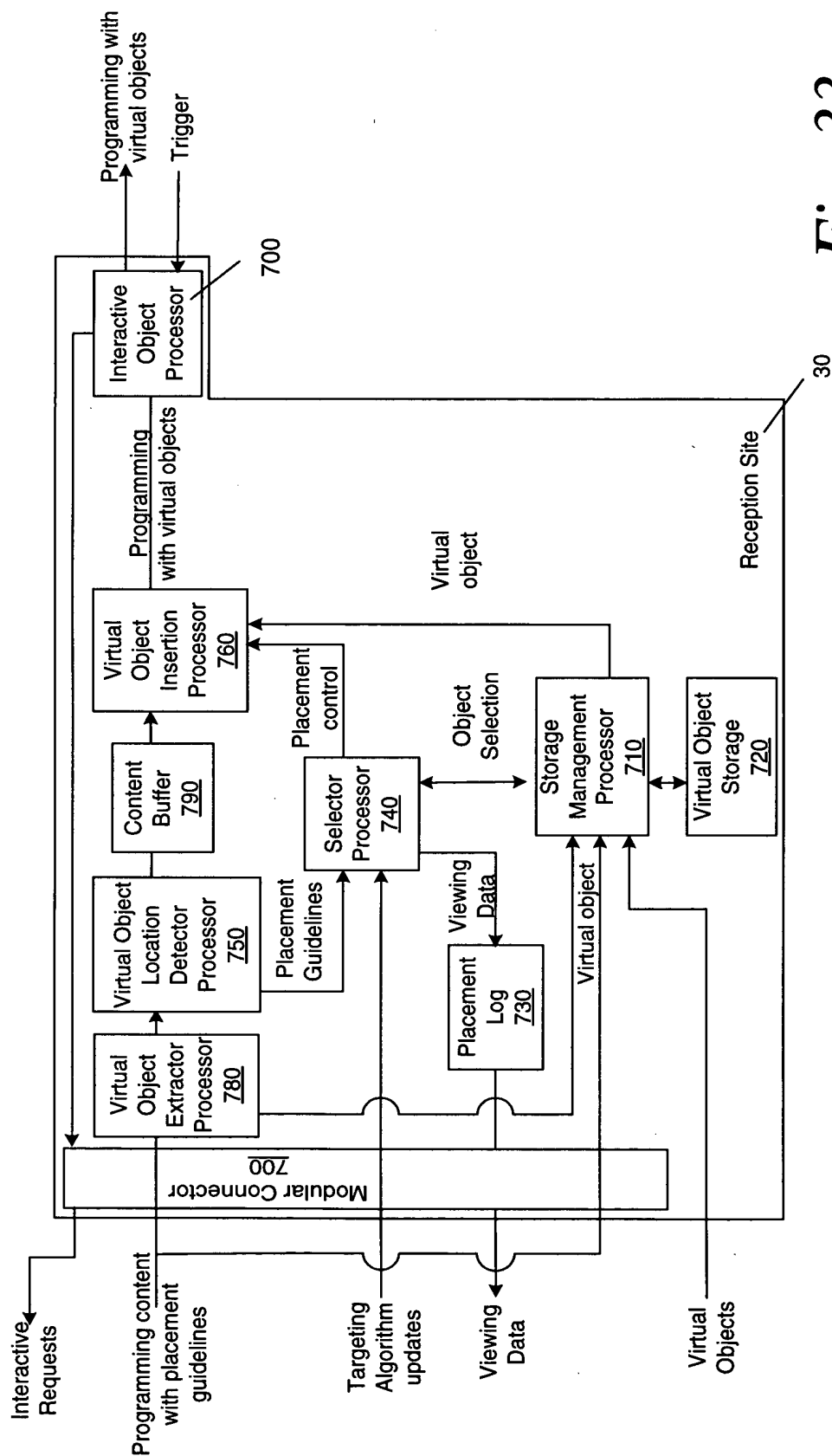


Fig. 33

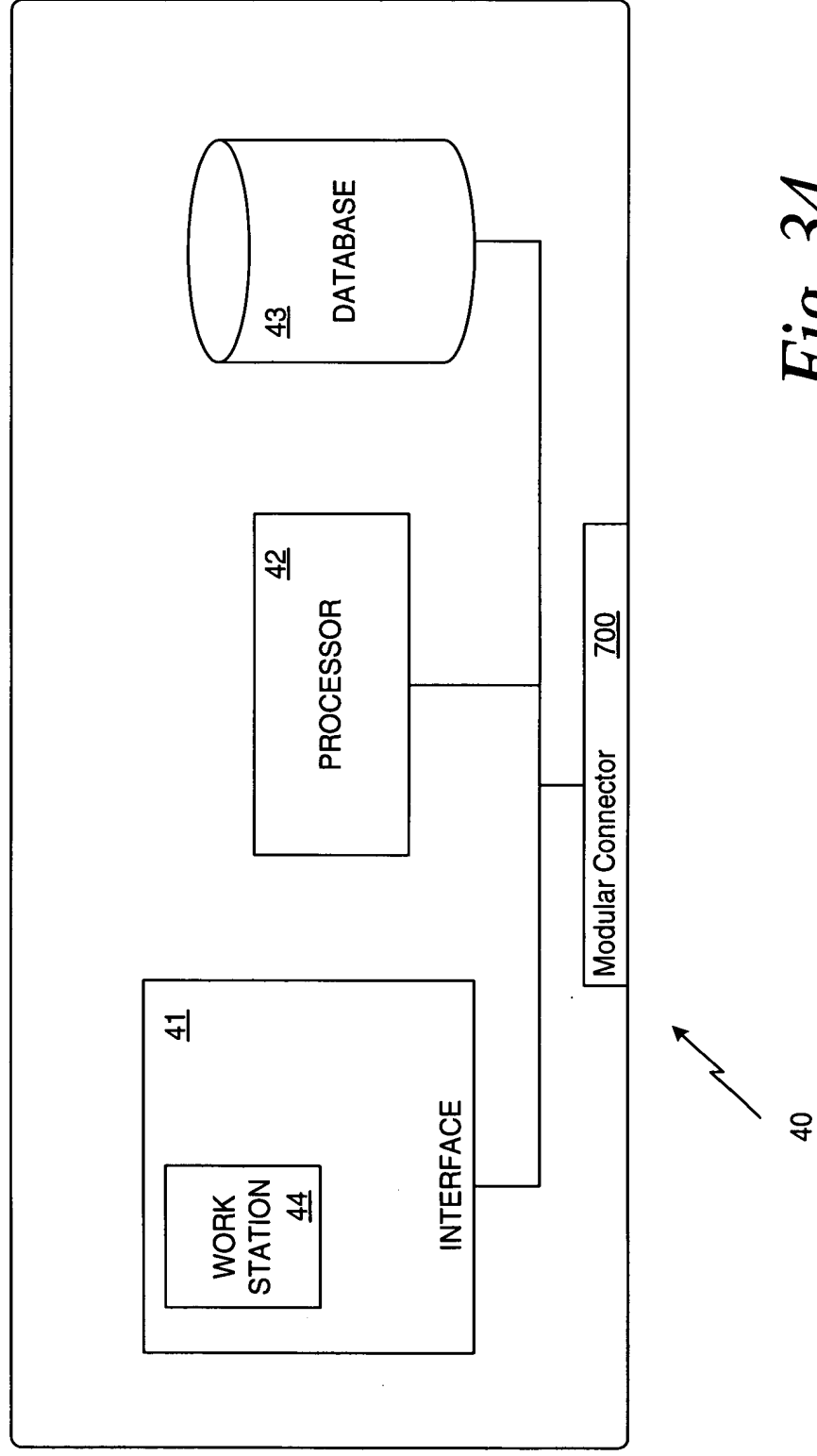


Fig. 34

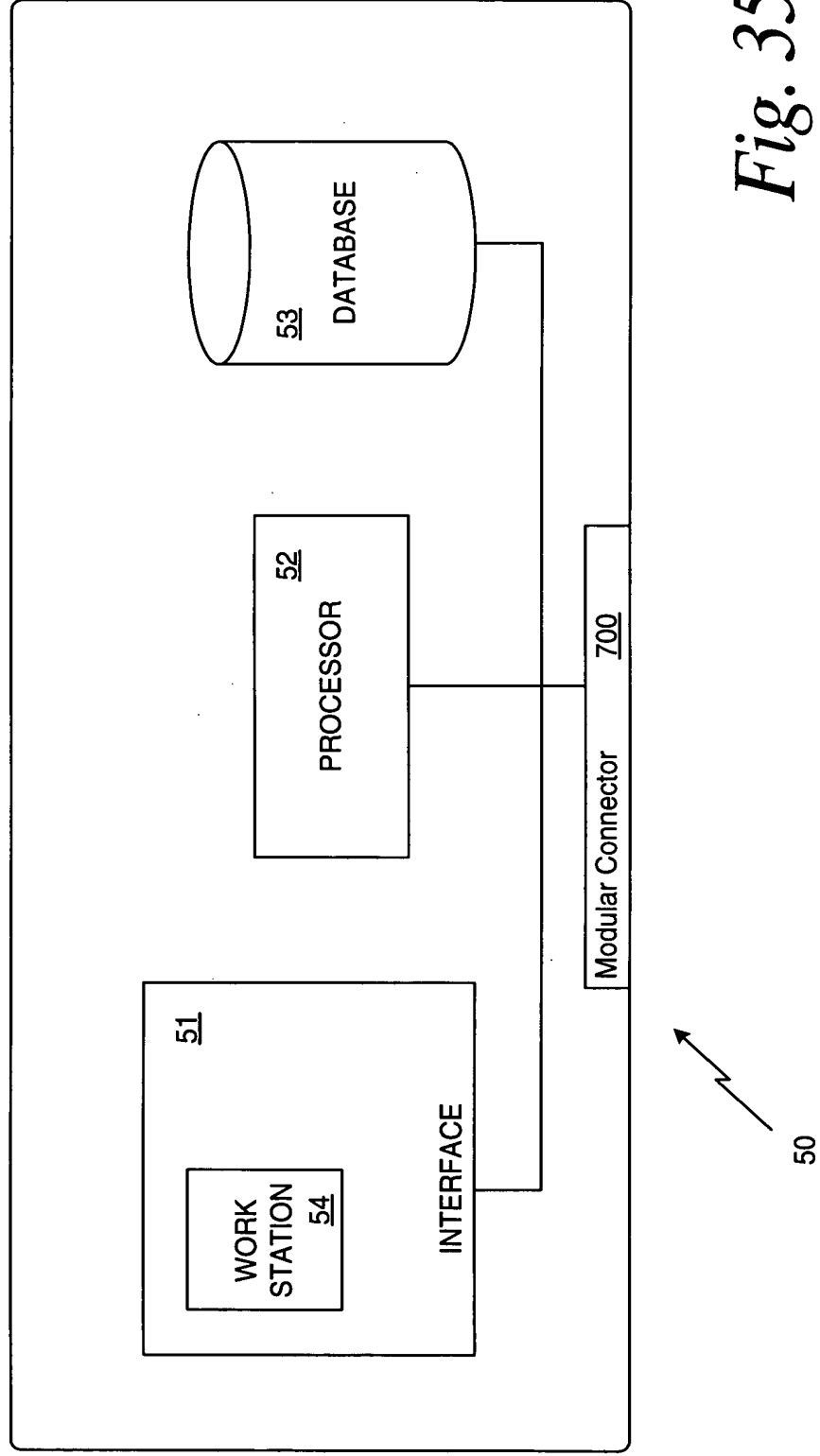


Fig. 35

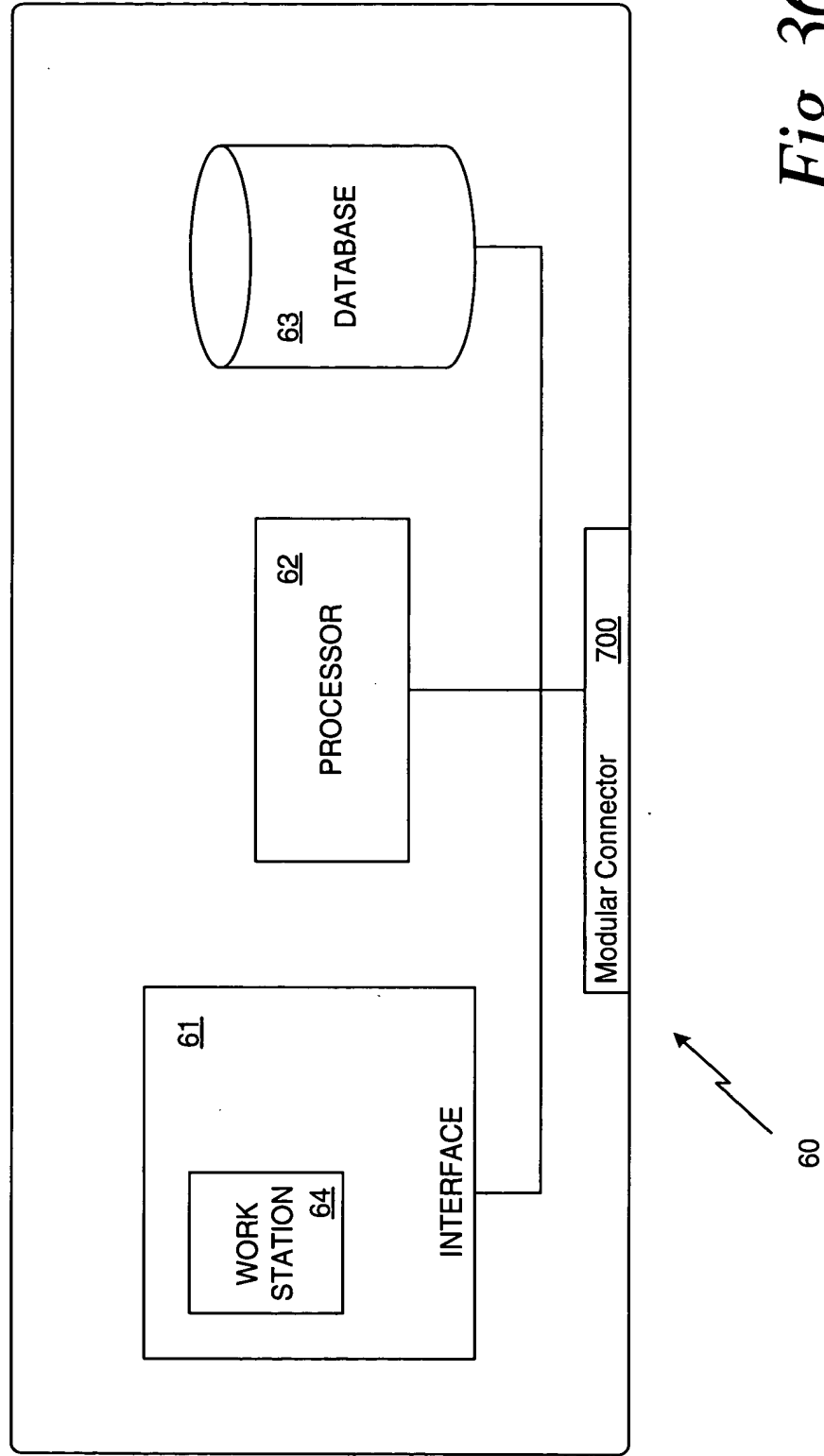


Fig. 36

